Index of Claims

| Application No. | Applicant(s)        |
|-----------------|---------------------|
| 09/870,615      | BROUSSARD, SCOTT J. |
| Examiner        | Art Unit            |

Dennis G. Bonshock

2173

| √ | Rejected |
|---|----------|
| 1 | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| Α | Appeal   |
|---|----------|
| o | Objected |

| Cla          | aim         |         |                 |          | D        | ate      |          |          |          |          |       | Cla    | im        |                 |                     |          | D            | ate               |         | _         |          |        | CI    | aim        |          |                 |           | ַ        | ate       |           |          | _        |           |
|--------------|-------------|---------|-----------------|----------|----------|----------|----------|----------|----------|----------|-------|--------|-----------|-----------------|---------------------|----------|--------------|-------------------|---------|-----------|----------|--------|-------|------------|----------|-----------------|-----------|----------|-----------|-----------|----------|----------|-----------|
| _            | न           | ū       |                 | -        |          |          |          |          |          |          |       | _      | ā         |                 |                     |          |              |                   |         |           |          |        | _     | ਯ          |          |                 |           |          |           |           |          |          | İ         |
| Final        | Original    | 2/17/05 | İ               |          | ı        |          |          |          |          |          |       | Final  | Original  |                 |                     |          | İ            | - 1               |         |           |          | ::::   | Final | Original   |          |                 |           |          | i         |           | - {      | ŀ        |           |
| LL.          | ŏ           | 2       | ŀ               |          |          |          |          |          |          |          |       | ш      | ō         |                 |                     |          |              | - 1               |         |           |          |        | u     | Ö          |          |                 |           |          |           |           |          | ļ        |           |
|              | 1           | =       | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        |       |        | 51        |                 | -                   | -+       |              | +                 | ┿       | ╀         | ╁        |        |       |            |          | $\dashv$        | -         | -        |           | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  |
|              | 2           | =       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | -        |       |        | 52        |                 | $\dashv$            | +        | $\dashv$     | +                 | ╁       | +         | +        |        |       | 101        |          | $\dashv$        | $\dashv$  |          | -         |           | -        | $\dashv$ | $\dashv$  |
|              | 3           | =       | $\vdash$        | $\dashv$ | -        | $\dashv$ |          | $\dashv$ | $\dashv$ | -        |       |        | 53        |                 |                     | +        | $\dashv$     | +                 | +       | +         | +-       |        |       | 103        | -        |                 | 1         | -        | -         | -         | $\dashv$ | $\dashv$ | $\dashv$  |
|              | 4           | =       | -               | _        | 十        | $\dashv$ | 一        | -        | -        | -        |       | -      | 54        |                 |                     | $\dashv$ | $\dashv$     | $\top$            | +-      | ╁╌        | +        | 1. 1   |       | 104        |          |                 | $\neg$    |          | $\dashv$  | -         | $\dashv$ | $\neg$   | $\dashv$  |
|              | 5           | =       | $\dashv$        | 十        | $\neg$   | 十        | 7        |          | _        |          |       |        | 55        |                 | $\Box$              | $\top$   | T            | $\top$            | +       | $\dagger$ | 1        |        |       | 105        |          | $\Box$          |           |          |           |           | 7        | $\neg$   | $\neg$    |
|              | 6           | =       |                 |          |          | $\neg$   | _        | $\neg$   | $\neg$   | <b>-</b> |       | -      | 56        |                 |                     |          |              |                   |         |           |          | :      |       | 106        |          |                 |           |          |           |           |          | T        | П         |
|              | 7           | •       |                 |          |          |          |          |          |          |          |       |        | 57        |                 |                     |          |              |                   |         |           |          |        |       | 107        |          |                 |           |          |           |           |          | $\Box$   |           |
| <u> </u>     | 8           | =       |                 | _        | _        |          |          |          |          | _        |       |        | 58        |                 |                     | _        | _            |                   |         |           |          |        |       | 108        |          |                 |           | .        |           |           |          | _        |           |
|              | 9           | =       |                 | _        | _        | $\perp$  | _        |          |          | _        |       |        | 59        |                 |                     | _        | 4            | _                 | _       | _         | <u> </u> |        |       | 109        |          |                 |           | _        | _         | _         | _        | $\dashv$ | $\dashv$  |
| <u> </u>     | 10          | =       | $\sqcup$        | _        | $\dashv$ | $\perp$  | 4        | _        | $\dashv$ | _        |       |        | 60        | Щ               | $\sqcup \downarrow$ | $\perp$  | $\downarrow$ | $\perp$           | $\bot$  | $\perp$   | $\vdash$ |        |       | 110        | L        |                 | $\dashv$  |          | $\dashv$  | _         | $\dashv$ | $\dashv$ | $\dashv$  |
| ļ            | 11          | =       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | 4        | _        | _        |          |       |        | 61        | Ш               | $\vdash$            | $\dashv$ | $\dashv$     | +                 | +       | +         | $\vdash$ |        |       | 111        | H        |                 | $\dashv$  | _        | 4         | _         | $\dashv$ | $\dashv$ | $\dashv$  |
| <b></b>      | 12<br>13    | =       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | -        |       |        | 62<br>63  | $\vdash$        | $\dashv$            | +        | +            | +                 | +       | +         | $\vdash$ |        |       | 112<br>113 |          | $\vdash$        | $\dashv$  | -        | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  |
|              | 14          | -       | <del></del>     | -        | +        |          | $\dashv$ |          | -        |          |       |        | 64        | Н               | $\dashv$            | +        | $\dashv$     | +                 | +       | +         | $\vdash$ |        |       | 114        |          | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$  | -         | $\dashv$ | $\dashv$ | $\dashv$  |
| <del> </del> | 15          | =       | -               | $\dashv$ | +        | $\dashv$ | $\dashv$ | -        | $\dashv$ | -        |       |        | 65        | $\vdash$        | $\dashv$            | +        | $\dashv$     | +                 | +       | +         | +        |        |       | 115        |          | $\vdash$        | $\dashv$  |          | $\dashv$  |           | $\dashv$ | $\dashv$ | $\dashv$  |
| <del></del>  | 16          | =       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\neg$   |          | -        |       |        | 66        | $\vdash$        | $\dashv$            | $\dashv$ | $\dagger$    | +                 | +       | +         | T        |        |       | 116        |          | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  |
|              | 17          | Ξ       | $\Box$          | $\dashv$ | $\dashv$ | 寸        | 7        |          |          |          |       | i      | 67        |                 | $\Box$              | $\dashv$ | $\dashv$     | $\dashv$          | +       | T         | T        |        |       | 117        |          |                 |           |          | $\exists$ | $\neg$    | $\dashv$ | $\dashv$ | $\dashv$  |
|              | 18          | =       | $\Box$          | ヿ        | T        | T        | T        |          |          | _        | :::   | $\neg$ | 68        |                 |                     | $\neg$   | $\neg$       | $\neg$            |         |           | T        |        |       | 118        |          |                 | $\neg$    |          |           |           | _        | $\neg$   | $\neg$    |
|              | 19          | =       | П               |          |          | T        | T        |          |          |          |       |        | 69        |                 |                     |          |              |                   |         |           |          |        |       | 119        |          |                 |           |          |           |           |          |          |           |
|              | 20          |         |                 |          |          |          |          |          |          |          |       |        | 70        |                 |                     |          |              |                   |         |           |          |        |       | 120        |          |                 |           |          |           |           |          | $\Box$   |           |
|              | 21          |         |                 |          |          |          |          |          |          |          |       |        | 71        |                 |                     |          |              | $\perp$           |         |           |          |        |       | 121        |          |                 |           |          |           |           |          | $\Box$   | _         |
|              | 22          |         |                 | _        | _        | _        |          |          |          | _        |       |        | 72        |                 | $\perp$             | _        | _            | $\perp$           | $\perp$ | _         | _        |        |       | 122        |          |                 |           |          |           |           | $\perp$  | $\dashv$ | _         |
|              | 23          |         |                 | $\dashv$ | _        | _        | _        |          |          |          |       |        | 73        |                 |                     | _        | 4            | _                 | _       | +         | 1        |        |       | 123        |          |                 |           | _        | _         |           | _        | $\dashv$ |           |
|              | 24          |         | -               | $\dashv$ | -        | $\dashv$ | -        |          | -        |          |       |        | 74<br>75  | $\vdash$        | -                   | -        | 4            | +                 | +       | +         | $\vdash$ |        |       | 124        |          |                 | $\dashv$  | $\dashv$ | $\dashv$  |           | $\dashv$ | $\dashv$ | _         |
|              | 25<br>26    | -       | -               | $\dashv$ | $\dashv$ | $\dashv$ | -        | +        | -        |          |       |        | 75<br>76  |                 | $\dashv$            | +        | +            | +                 | +       | +         | ┢        |        |       | 125        |          |                 | $\dashv$  |          | $\dashv$  |           | $\dashv$ | $\dashv$ | $\dashv$  |
|              | 27          | _       | $\dashv$        | -        | $\dashv$ | $\dashv$ |          | -        | $\dashv$ |          |       |        | 77        | -               | $\dashv$            | +        | +            | +                 | +       | -         | +        |        |       | 127        |          |                 | -         | -        |           |           | $\dashv$ | $\dashv$ | $\dashv$  |
| <del> </del> | 28          | -       | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | -        |          |       |        | 78        | -               | $\dashv$            | -+       | +            | +                 | +       | +         | ╁        |        |       | 128        |          |                 | $\dashv$  | $\dashv$ |           |           | $\dashv$ | $\dashv$ | $\dashv$  |
|              | 29          |         | H               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | -        | -        |       |        | 79        | -               |                     | _        |              | $\top$            | +       | +         | +        |        |       | 129        |          | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$  |           | $\dashv$ | $\dashv$ | $\dashv$  |
|              | 30          |         | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | -        | -        |       | - †    | 80        |                 | $\dashv$            | $\top$   | 7            | 1                 | $\top$  | T         |          |        |       | 130        |          |                 |           |          |           |           | $\dashv$ | 寸        | $\exists$ |
|              | 31          |         |                 | $\neg$   | $\neg$   | $\neg$   | $\neg$   |          |          |          |       | 1      | 81        |                 | $\Box$              | T        | 寸            | $\top$            |         | T         |          |        |       | 131        |          |                 | $\Box$    |          | $\neg$    |           | $\neg$   | $\dashv$ | $\Box$    |
|              | 32          |         |                 |          |          |          |          |          |          |          |       |        | 82        |                 | $\Box$              | $\Box$   |              | $\Box$            | I       |           |          | :::    |       | 132        |          |                 |           |          |           |           |          |          |           |
|              | 33          |         |                 | I        | $\bot$   | $\bot$   | $\Box$   |          |          |          |       | I      | 83        |                 |                     | $\Box$   | $\perp$      | $\Box \mathbb{I}$ |         | L         |          |        |       | 133        |          |                 |           |          |           |           | $\Box$   | $\Box$   |           |
|              | 34          |         | <u> </u>        | _        | _        | $\dashv$ | _        | _        | _        |          |       |        | 84        | Щ               | $\sqcup$            | 4        | _            | _                 | $\bot$  | _         | 1_       |        |       | 134        |          | $\square$       |           |          |           | _         | ļ        | _        | ᆜ         |
|              | 35          |         | $\vdash \vdash$ | 4        | $\dashv$ | $\dashv$ | 4        | _        | $\dashv$ | _        |       |        | 85        | $\square$       | $\dashv$            | +        | +            | $\perp$           | +       | +         | -        |        |       | 135        | $\vdash$ | $\square$       | $\dashv$  | _        | 4         | _         | _        | _        | $\dashv$  |
|              | 36          |         | $\dashv$        | +        | $\dashv$ | $\dashv$ | 4        |          | $\dashv$ | -        |       |        | 86        | $\vdash$        |                     | -        | +            |                   | +       | +         | 1-       |        |       | 136        | $\vdash$ | $\vdash$        | $\dashv$  |          | -         |           | _        |          | ᅴ         |
| -            | 37<br>38    |         | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ |          |       |        | 87<br>88  |                 |                     |          | $\dashv$     |                   | +-      | +-        | -        |        |       | 137<br>138 | -        | $\vdash \vdash$ | $\dashv$  | -        | $\dashv$  |           |          | $\dashv$ | $\dashv$  |
|              | 39          | -       | $\vdash \vdash$ | +        | $\dashv$ | ┥        | -        | +        | $\dashv$ |          |       |        | 89        | H               | $\dashv$            | +        | +            | +                 | +       | +         | +        |        |       | 138        | H        | Н               |           |          |           | $\dashv$  |          | -+       |           |
|              | 40          |         | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        | $\dashv$ |          |       |        | 90        | H               | $\vdash$            | $\dashv$ | +            | +                 | +       | +         | +        |        |       | 140        |          | $\vdash$        | $\vdash$  |          |           | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  |
|              | 41          |         | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$ | -        |       |        | 91        | $\vdash$        | $\vdash$            | $\dashv$ | $\dashv$     | $\dashv$          | +       | 1         | +        |        |       | 141        | $\vdash$ | H               | $\dashv$  |          | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  |
|              | 42          | -       |                 | -+       | 7        | 十        |          | _        |          | -        |       |        | 92        | H               | $\dashv$            | 十        | 7            | _                 | $\top$  | 1         | t        |        | -     | 142        | H        | H               | H         |          |           | $\exists$ | _        | 寸        | $\dashv$  |
|              | 43          |         |                 |          |          |          |          |          |          |          |       |        | 93        |                 |                     |          | _            | _                 |         | 1         |          |        |       | 143        |          |                 |           |          |           |           |          |          |           |
|              | 44          |         |                 |          |          | $\Box$   |          |          |          |          |       |        | 94        |                 |                     | $\Box$   | $\Box$       |                   |         |           |          |        |       | 144        |          |                 |           |          |           |           |          |          |           |
|              | 45          |         |                 | $\bot$   | J        | $\Box$   | $\Box$   | $\Box$   |          |          |       |        | 95        |                 | Ш                   | $\Box$   | $\Box$       | $\perp$           |         |           |          |        |       | 145        |          |                 |           |          |           |           |          |          |           |
|              | 46          |         | Щ               | _        | _        |          |          |          |          | _        |       |        | 96        | Ш               | Щ                   |          | 4            | _                 | 1       |           | _        |        |       | 146        | <u> </u> |                 | L         |          | Щ         |           | _        |          |           |
|              | 47          |         | $\sqcup$        | _        | _        | _        | 4        | $\sqcup$ |          | _        |       |        | 97        | Ш               | $\sqcup$            | $\dashv$ | 4            | 4                 | 4       | ╄-        |          |        |       | 147        | <u> </u> | Ш               |           |          |           |           |          |          |           |
| <u> </u>     | 48          | _       | $\vdash$        |          |          |          | 4        | $\dashv$ | $\vdash$ | -        |       |        | 98        | $\vdash \vdash$ |                     | +        | 4            | +                 |         | +         | +-       |        |       | 148        | $\vdash$ | Н               | $\square$ |          | Щ         |           |          |          |           |
| <del> </del> | 49<br>50    | _       | $\vdash$        | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$ |       |        | 99<br>100 |                 | -                   | $\dashv$ | $\dashv$     | +                 | +       | +-        | +-       |        |       | 149        | H        | Н               |           |          |           | Н         | -        | $\dashv$ | ,—        |
| L            | _ <u>50</u> |         | Ш               | 1_       |          | $\perp$  | 1        |          |          | :        | : : i |        | 100       | ليلا            | Щ                   |          |              |                   |         |           | Ь.       | J:-:-: |       | 150        |          | l               |           |          |           |           |          |          | لب        |